

# Mark Scheme (Results)

## January 2010

Principal Learning

Engineering EG101  
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Publications Code DP022735

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## General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Question Number	Answer	Mark
1	A	(1)

Question Number	Answer	Mark
2	A	(1)

Question Number	Answer	Mark
3	D	(1)

Question Number	Answer	Mark
4	C	(1)

Question Number	Answer	Mark
5	B	(1)

Question Number	Answer	Mark
6	C	(1)

Question Number	Answer	Mark
7	D	(1)

Question Number	Answer	Mark
8	A	(1)

Question Number	Answer	Mark
9	C	(1)

Question Number	Answer	Mark
10	C	(1)

Question Number	Answer	Mark
11(a)	D	(1)

Question Number	Answer	Mark
11(b)	B	(1)

Question Number	Answer	Mark
12(a)	C	(1)

Question Number	Answer	Mark
12(b)	D	(1)

Question Number	Answer	Mark
12(c)	D	(1)

Question Number	Answer	Mark
13(a)	C	(1)

Question Number	Answer	Mark
13(b)	C	(1)

Question Number	Answer	Mark
13(c)	D	(1)

Question Number	Answer	Mark
13(d)	B	(1)

Question Number	Answer	Mark
14	C	(1)

Question Number	Answer	Mark
15	B	(1)

Question Number	Answer	Mark
16	A	(1)

Question Number	Answer	Mark
17	B	(1)

Question Number	Answer	Mark
18	A	(1)

Question Number	Answer	Mark
19(a)	A	(1)

Question Number	Answer	Mark
19(b)	C	(1)

Question Number	Answer	Mark
19(c)	B	(1)

Question Number	Answer	Mark
20(a)	D	(1)

Question Number	Answer	Mark
20(b)	A	(1)

Question Number	Answer	Mark
21	B	(1)

Question Number	Answer	Mark
22(a)	C	(1)

Question Number	Answer	Mark
22(b)	D	(1)

Question Number	Answer	Mark
23	C	(1)

Question Number	Answer	Mark
24(a)	B	(1)

Question Number	Answer	Mark
24(b)	D	(1)

Question Number	Answer	Mark
24(c)	A	(1)

Question Number	Answer	Mark
25	A	(1)

Question Number	Answer	Mark
26	D	(1)

Question Number	Answer	Mark
27	D	(1)

Question Number	Answer	Mark
28	A	(1)

Question Number	Answer	Mark
29	B	(1)

Question Number	Answer	Mark
30(a)	A	(1)

Question Number	Answer	Mark
30(b)	B	(1)

Question Number	Answer	Mark
30(c)	A	(1)

Question Number	Answer	Mark
30(d)	D	(1)

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Order Code DP022735 January 2010

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